

[INCH-POUND]
A-A-55569/1A
November 23, 2001

SUPERSEDING
A-A-55569/1
June 3, 1996

COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

FUSE, INCLOSED LINK, FAST ACTING, 1 AMPERE (A) THROUGH 40 A,
AUTOMOTIVE BLADE TYPE

The General Services Administration has authorized the use of this
Commercial Item Description (CID) for all federal agencies.

The complete requirements for procuring the inclosed fuse links described herein shall consist of this document and the issue in effect of CID A-A-55569.

CLASSIFICATION. This CID uses a classification system that is included in the Part Identification Number (PIN) as shown in the following example (see notes).

| | | |
|------------|---|------------------------------|
| AA55569/01 | - | 001 |
| ┆ | | ┆ |
| ----- | | ----- |
| CID number | | Dash number (see table I) |

SALIENT CHARACTERISTICS.

Interface and physical dimensions. Fuses supplied to this CID shall be as specified herein, and shall meet the requirements of SAE J 1284 for blade type, electrical fuses (see figure 1).

Ampere rating. The ampere rating shall be as specified in table I.

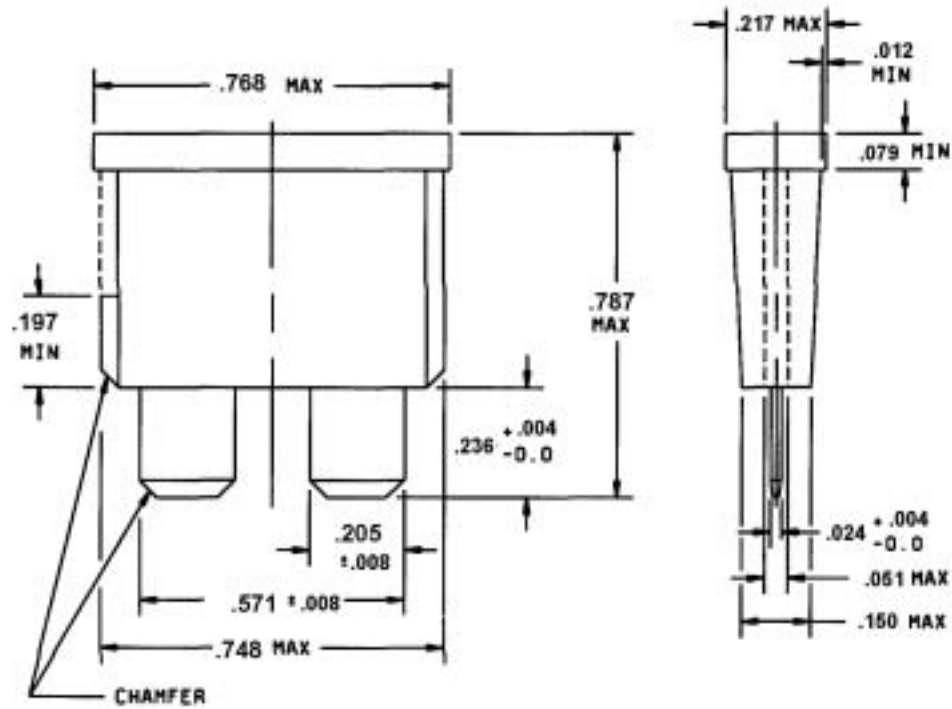
Voltage rating. The voltage rating shall be 32 V dc maximum.

Opening time. The opening time shall be as specified in table II.

Accommodating fuseholder. Fuses supplied to this CID may be used with fuseholder CID A-A-55570/1.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See classification information for PIN format example.



| Inches | mm | Inches | mm |
|--------|-----|--------|------|
| .004 | 0.1 | .205 | 5.2 |
| .008 | 0.2 | .217 | 5.5 |
| .012 | 0.3 | .236 | 6.0 |
| .024 | 0.6 | .571 | 14.5 |
| .051 | 1.3 | .748 | 19.0 |
| .079 | 2.0 | .768 | 19.5 |
| .150 | 3.8 | .787 | 20.0 |
| .197 | 5.0 | | |

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.005 inch (0.13 mm), unless otherwise specified.

FIGURE 1. Configuration and dimensions.

TABLE I. Electrical characteristics.

| CID dash number AA55569/01- | Ampere rating | Color code ^{1/} |
|--------------------------------|---------------|--------------------------|
| 001 | 1 | Black |
| 002 | 2 | Grey |
| 003 | 3 | Violet |
| 004 | 4 | Pink |
| 005 | 5 | Tan |
| 006 | 7.5 | Brown |
| 007 | 10 | Red |
| 008 | 15 | Blue |
| 009 | 20 | Yellow |
| 010 | 25 | Natural |
| 011 | 30 | Green |
| 012 | 35 | Blue green |
| 013 | 40 | Amber |

^{1/} Fuses are color-coded for easy amperage identification.

TABLE II. Rating versus opening time.

| Percent of rating | Current rating | Opening time | |
|-------------------|----------------|--------------|---------------|
| | | Minimum | Maximum |
| 100 | 1 A - 40 A | 100 hours | N/A |
| 135 | 1 A - 2 A | .50 seconds | 1,800 seconds |
| | 3 A - 40 A | .75 seconds | 1,800 seconds |
| 200 | 1 A - 2 A | .10 seconds | 5 seconds |
| | 3 A - 40 A | .15 seconds | 5 seconds |
| 350 | 1 A - 2 A | .020 seconds | .5 seconds |
| | 3 A - 40 A | .080 seconds | .5 seconds |

Source of documents.

Other Publications

SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

SAE J 1284 - Blade Type Electric Fuses, Standard.

(Application for copies should be addressed to the Society of Automotive Engineers, Incorporated, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

(Industry association specifications and standards are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

Commercial products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

| <u>MFR's CAGE</u> | <u>MFR's name and address</u> |
|-------------------|--|
| 71400 | Cooper Bussmann, Incorporated P. O. Box 14460 St. Louis, MO 63178-4460 Phone number (636) 394-2877 Facsimile number (800) 544-2570 E-mail: fusebox@buss.com Uniform Resource Locator (URL): www.bussmann.com |
| 75915 | Littelfuse Incorporated 800 E. Northwest Highway Des Plaines, IL 60016-3096 Phone number (847) 824-1188 Facsimile number (847) 391-0894 E-mail: electronics@littelfuse.com URL: www.littelfuse.com |

Part number (P/N) supersession data. These CID part numbers supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. P/N supersession data.

| CID dash number AA55569/01- (see table I) | MFR's CAGE | MFR's P/N <u>1/</u> | MFR's CAGE | MFR's P/N <u>1/</u> |
|---|------------|---------------------|------------|---------------------|
| 001 | 71400 | ATC-1 | 75915 | 257001 |
| 002 | 71400 | ATC-2 | 75915 | 257002 |
| 003 | 71400 | ATC-3 | 75915 | 257003 |
| 004 | 71400 | ATC-4 | 75915 | 257004 |
| 005 | 71400 | ATC-5 | 75915 | 257005 |
| 006 | 71400 | ATC-7.5 | 75915 | 257007.5 |
| 007 | 71400 | ATC-10 | 75915 | 257010 |
| 008 | 71400 | ATC-15 | 75915 | 257015 |
| 009 | 71400 | ATC-20 | 75915 | 257020 |
| 010 | 71400 | ATC-25 | 75915 | 257025 |
| 011 | 71400 | ATC-30 | 75915 | 257030 |
| 012 | 71400 | ATC-35 | 75915 | 257035 |
| 013 | 71400 | ATC-40 | 75915 | 257040 |

1/ The manufacturer's P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements, see 3.2 of A-A-55569.

National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID. The list is for information only and may not be indicative of all possible NSN's associated with the CID. For up to date information on assigned NSN's, please contact the Defense Supply Center, Columbus, ATTN: DSCC-CSAC, Post Office Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-8521.

TABLE IV. NSN's.

| Dash number (see table I) AA55569/01- | NSN | Dash number (see table I) AA55569/01- | NSN |
|---|------------------|---|------------------|
| 001 | 5920-01-382-4861 | 008 | 5920-01-149-6952 |
| 002 | N/A | 009 | 5920-01-085-0825 |
| 003 | 5920-01-123-5210 | 010 | 5920-01-149-6953 |
| 004 | 5920-01-369-1801 | 011 | 5920-01-188-6294 |
| 005 | 5920-01-123-5212 | 012 | N/A |
| 006 | 5920-01-253-1494 | 013 | N/A |
| 007 | 5920-01-123-5211 | | |

MILITARY INTERESTS:

Custodians:
Navy - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

Preparing activity:

DLA-CC

Project 5920-0753-01